

April 6, 2005

Mr. Stephen Bargsten
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

**Re: Workplan for Well Destruction Activities at the Wiggins Enterprise Property,
2120 Bluebell Drive, Santa Rosa, California, NCRWQCB Case #1TS240**

Dear Mr. Bargsten:

Wiggins Enterprises has contracted with Winzler & Kelly Consulting Engineers (Winzler & Kelly) for implementation of this Workplan for well destruction activities to be performed at their property located at 2120 Bluebell Drive, Santa Rosa, California (Figures 1 and 2). In a December 28, 2004 letter (attached), the North Coast Regional Water Quality Control Board (NCRWQCB) issued a Public Notice of No Further Action status for the site and is requiring the four groundwater monitoring wells to be destroyed to complete the case closure process. This Workplan briefly summarizes the proposed work scope to properly destroy the wells.

Task 1 – Destruction of Groundwater Monitoring Wells

A Winzler & Kelly field geologist will coordinate and observe the destruction of groundwater monitoring wells MW-1D, MW-2, MW-3, and MW-4 (Figure 2). The wells MW-2, MW-3, and MW-4 are constructed of 2-inch PVC casing and extend to a total depth of 21 feet below ground surface (bgs), and well MW-1D is completed to 52 feet bgs. The wells will be properly destroyed using a hollow-stem auger drill rig. Each well will be over-drilled to approximately 1 foot below the total depth of the well casing in order to remove the sand pack and seal. After removal of the PVC well casing, sand pack, and seal, the borehole will be tremie-grouted through the hollow-stem augers with a cement/bentonite slurry from the total depth to the surface. Waste spoils from the drilling activities will be stored in DOT approved drums until waste profiling and landfill acceptance is obtained. Soil samples will be collected from the drums and analyzed for appropriate parameters to meet disposal requirements. The drums will then be transported under a Bill of Lading to the approved landfill for disposal. Groundwater generated during this process will also be sampled, characterized, and profiled with an approved facility and transported under a Bill of Lading once approved.

Prior to scheduling and performing well destruction activities a Sonoma County Department of Health Services-Environmental Health Division (SCDHS-EHD) well destruction permit will be submitted and all site access obtained. Winzler & Kelly will contract with a California licensed



Mr. Stephen Bargsten

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C-57 driller to perform drilling activities and all laboratory analytical work will be performed by a California state-certified laboratory.

Task 2 – Letter Report

Following the completion of well destruction activities, Winzler & Kelly will prepare letter report documenting the results. Included in the report will be a completed California Department of Water Resources (DWR) Form-188, documenting the well destructions.

If you have any questions or comments regarding this project, please contact David J. Vossler, Project Manager, at (707) 523-1010.

Sincerely,

WINZLER & KELLY

David J. Vossler
Senior Geologist

Kent O'Brien, RG, CEG
Senior Project Manager



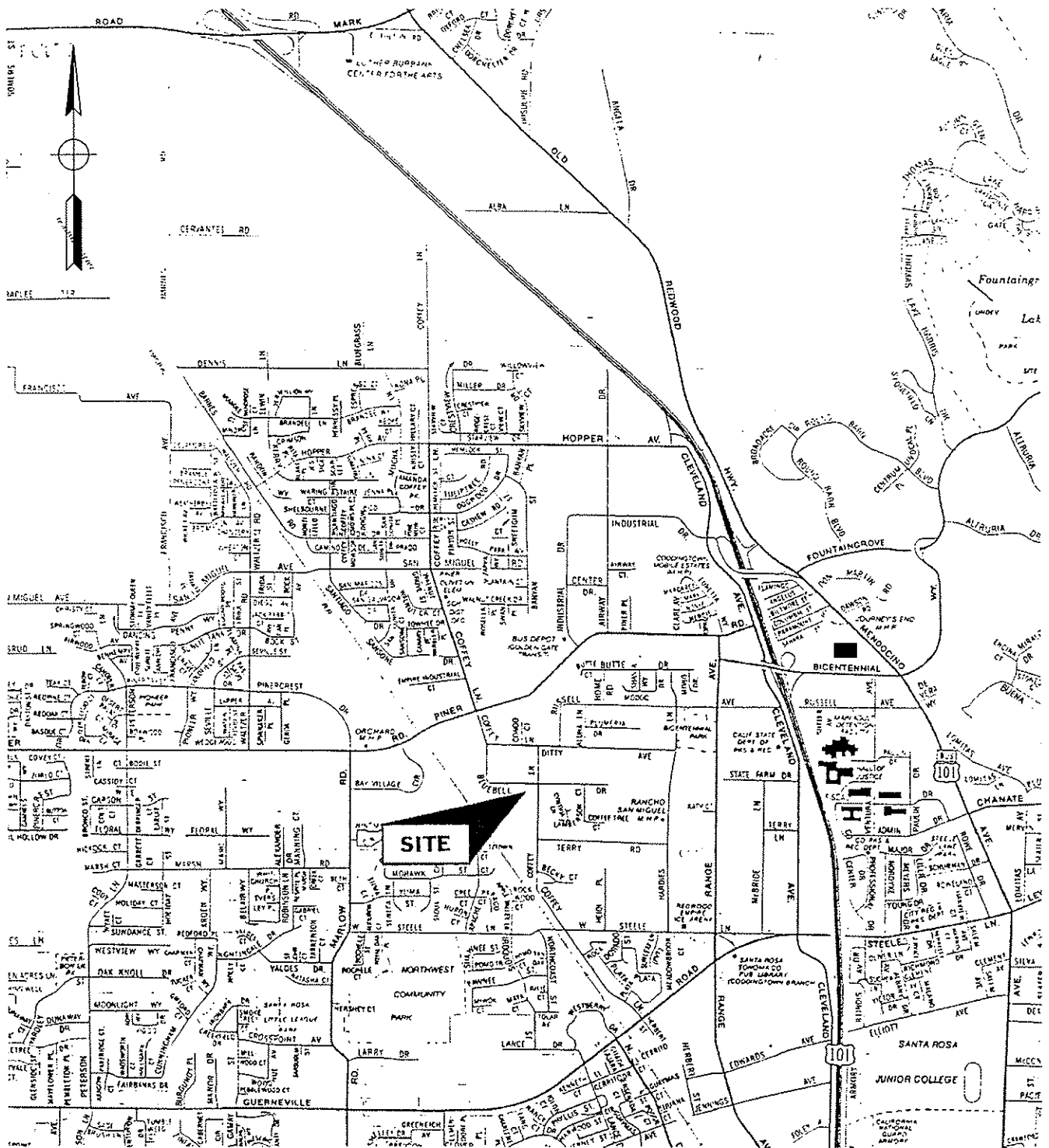
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Attachments

Figures: Figure 1 – Location Map
 Figure 2 – Site Map

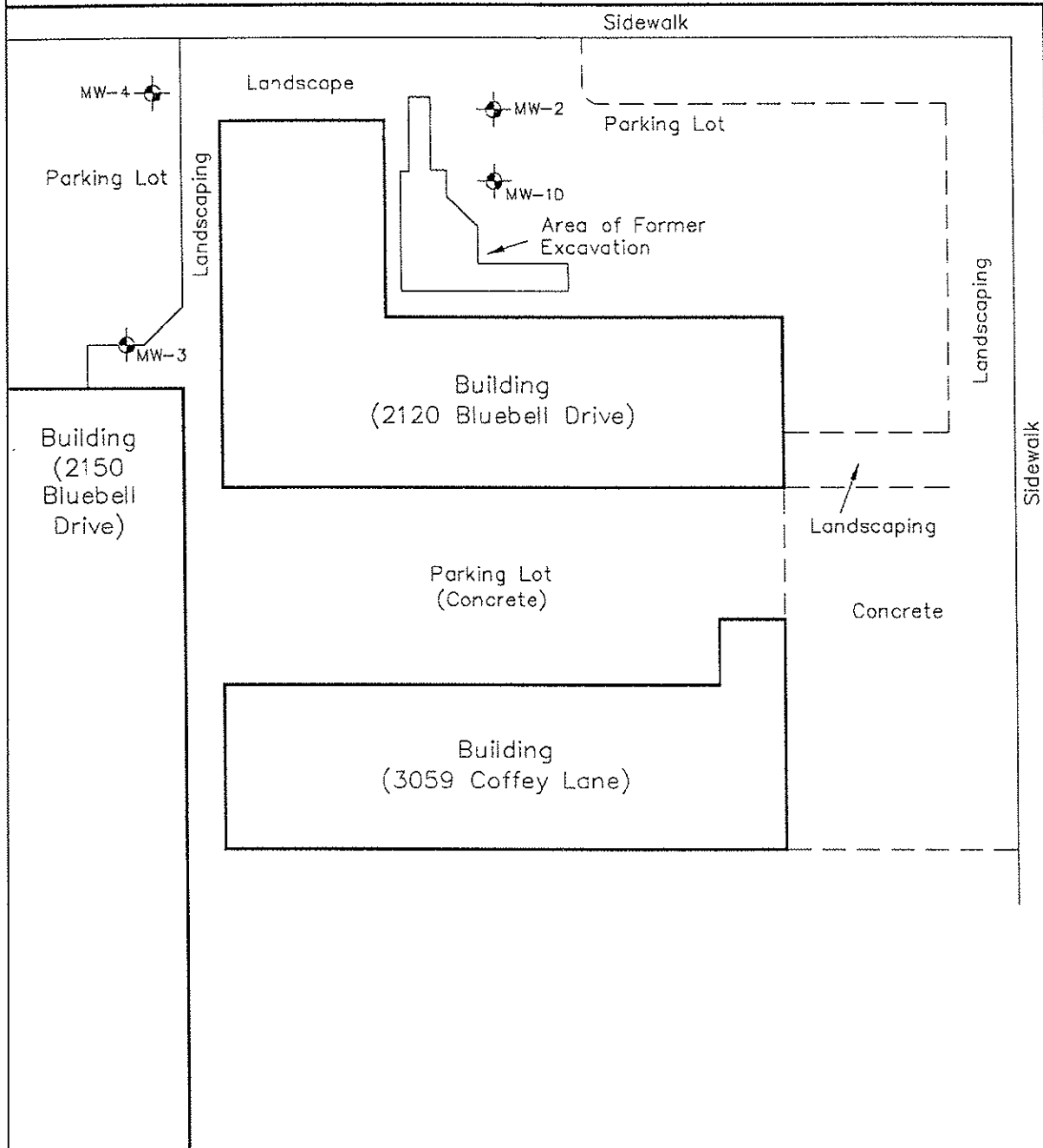
Appendix A – Agency Correspondence

c: Mr. Floyd Wiggins, Wiggins Enterprises, 1370 Airport Boulevard, Santa Rosa, CA 95403



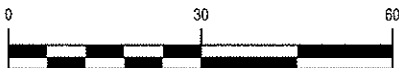
LOCATION MAP
 WIGGINS ENTERPRISE PROPERTY
 2120 BLUEBELL DRIVE
 SANTA ROSA, CA
 FIGURE 1

Bluebell Drive



LEGEND

MW-1  MONITORING WELL LOCATION



APPROXIMATE SCALE: 1"=30'

SITE MAP
WIGGINS ENTERPRISE PROPERTY
2120 BLUEBELL DRIVE
SANTA ROSA, CA
FIGURE 2

Appendix A

Agency Correspondence



California Regional Water Quality Control Board North Coast Region

William R. Massey, Chairman

Alan C. Lloyd, Ph.D.
Agency Secretary

<http://www.waterboards.ca.gov/>
5550 Skylane Boulevard, Suite A, Santa Rosa, California 95403
Phone: 1 (877) 721-9203 (toll free) • Office: (707) 576-2220 • FAX: (707) 523-0135



Arnold
Schwarzenegger
Governor

December 28, 2004

Mr. Floyd Wiggins
1370 Airport Boulevard
Santa Rosa, CA 95403

Dear Mr. Wiggins:

Subject: Public Notice of No Further Action
File: Wiggins, Floyd, 2120 Bluebell Dr., Santa Rosa, CA,
Case No. 1TSR240

Enclosed is a public notice of proposed no further action related to the soil and groundwater investigation at Wiggins, Floyd, 2120 Bluebell Dr., Santa Rosa, CA. The public notice is posted on the Regional Water Board's Internet home page <http://www.swrcb.ca.gov/~rwqcb1/>. In addition, please post the notice at the site and distribute to the adjacent property owners. Documentation that this noticing has been conducted will be required to close your site, including a distribution list with names and addresses, and a photo of the on-site posting.

A 30-day public comment period will begin from the date this notice is posted on our internet home page. If the Regional Water Board does not receive significant comments by the end of the public comment period you will be directed to decommission your monitoring wells. Upon receiving documentation that the wells have been properly removed from the site a letter will be transmitted to you from our Executive Officer confirming that no further site investigation or cleanup will be required.

You may call me at (707) 576-2653 if you have any questions.

Sincerely,

Stephen Bargsten
Environmental Scientist

SKB:clh/122804_SKB_SKB Wiggins pub not

Enclosure: Notice of no further action related a release of petroleum hydrocarbons

cc: Mr. Gary Johnson, SCS Engineers, 3645 Westwind Boulevard, Santa Rosa CA 95403
Mr. Jeff Delgado, UST Cleanup Fund
Ms. Andrea Jensen, Santa Rosa Fire Department

California Environmental Protection Agency

December 28, 2004

**Wiggins, Floyd
2120 Bluebell Dr.
Santa Rosa, CA
Case No. 1TSR240**

Notice of no further action related a release of petroleum hydrocarbons:
Comment Period ends January 28, 2005.

Problem Description:

This site is an office building/warehouse. In October 1992, two underground storage tanks were removed from the site and contaminated soil was discovered in the tank pit excavation. Contamination of total petroleum hydrocarbons as gasoline (TPH-g) was discovered at 390 parts per million (ppm).

Environmental Investigation:

In July 2001, four monitoring wells were installed at the site (MW-1D, MW-2, MW-3, MW-4). Groundwater monitoring and sampling was conducted quarterly for six consecutive quarters from July 2001, to December 2002. Groundwater flow direction was primarily to the northwest, but also was to the southeast on two occasions. TPH-g was found in monitoring well MW-1D and concentrations declined from 700 to less than 50 parts per billion (ppb) during this period. No TPH-g was ever detected in the other three monitoring wells. Also found in monitoring well MW-1D were benzene, toluene, ethylbenzene and xylene (BTEX), of which concentrations declined from 5, 4.3, 8.8 and 43 to 0.75, 1.6, 0.81 and 1.2 ppb, respectively (see Analytical Results data table, below). The only other detection of BTEX was a one-time detection in monitoring well MW-2, at 0.32 ppb benzene and 0.43 ppb toluene. None of the five gasoline oxygenates (methyl tertiary butyl ether, tertiary amyl methyl ether, ethyl tertiary butyl ether, diisopropyl ether, and tertiary butyl alcohol) have been detected at the site. Low concentrations of chlorinated solvents or volatile organic compounds (VOCs) including acetone were detected in all site wells.

Remedial Measures:

In November 1992, 300 cubic yards of impacted soil was removed from around the underground tanks and piping.

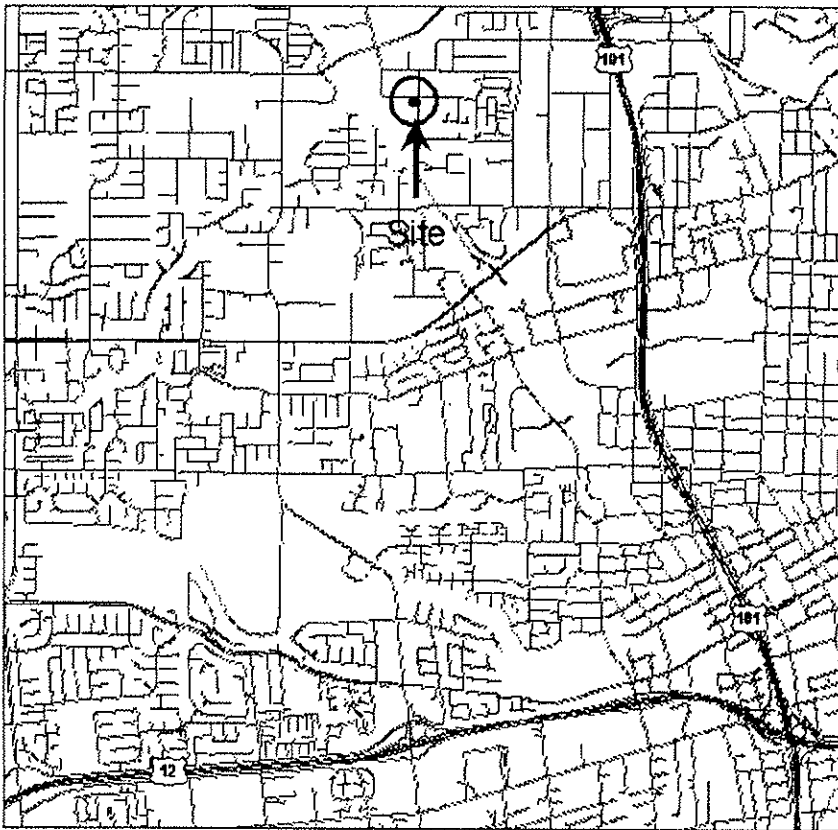
Laboratory Analytical Results:

Results from most recent sampling in December 2002 did not detect concentrations of TPH-g in groundwater over laboratory detection limits. BTEX compounds were detected at 0.75, 1.6, 0.81 and 1.2 ppb, respectively, all below the maximum contaminant levels (MCL) for each constituent. Concentrations of detected chlorinated solvents or volatile organic compounds (VOCs) were also below MCLs.

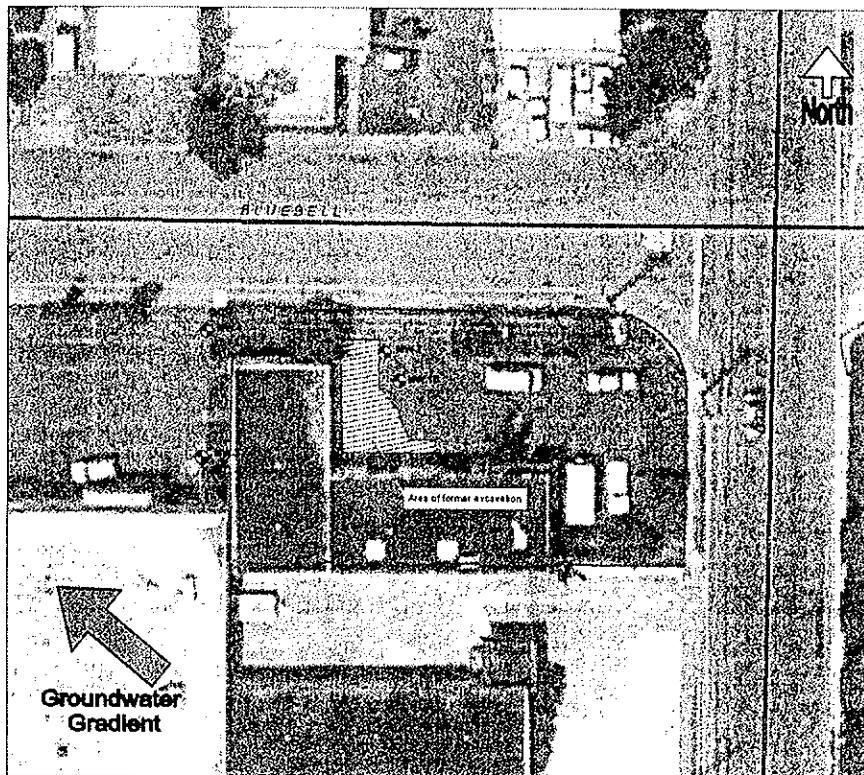
Water Quality Objectives:

No chemicals of concern have recently been detected above water quality objectives at this site.

Area Map:



Site Map



MTBE Status:

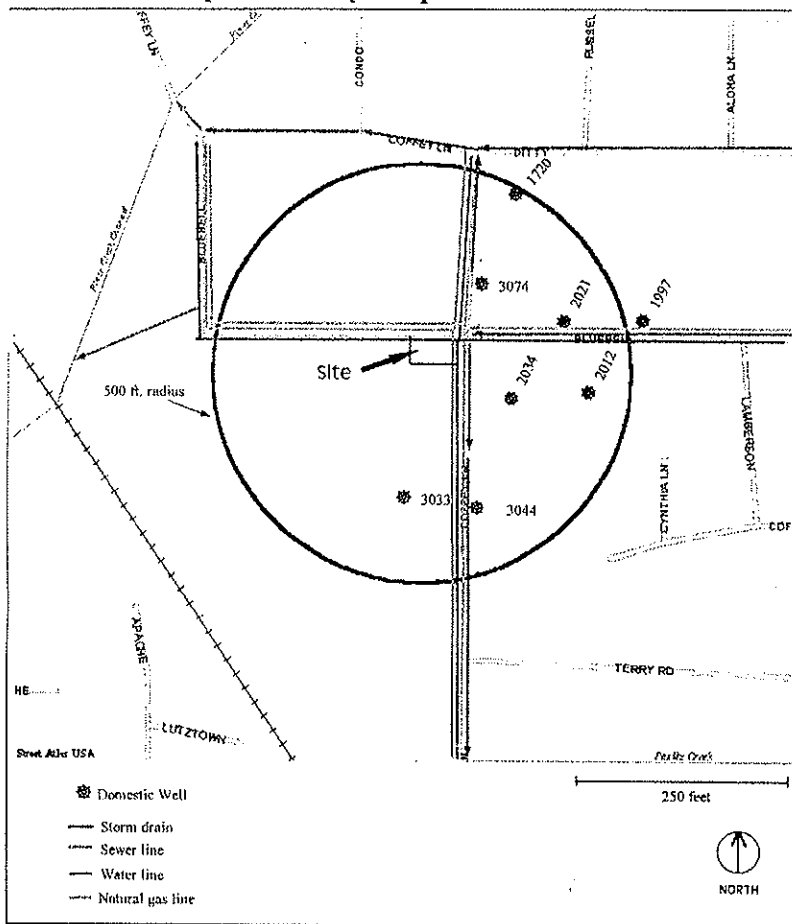
Methyl tertiary butyl ether (MTBE) has not been detected at this site.

Contaminant Trend Analysis:

It appears that the trend of contamination is declining over time and will continue to be below MCLs for the respective compounds.

Sensitive Receptor Survey:

None of the eight identified domestic wells are used for domestic purposes. Three of the eight wells are used for irrigation only. It does not appear that any of the nearby utility trenches are acting as preferential pathways for the spread of contamination. See map below for domestic well locations.

Sensitive Receptor Survey Map:

EnviroNet CONSULTING		Sensitive Site Receptor Map		PLATE 4
2120 Bluebell Lane Santa Rosa, California				
Drawn by: MARO	File Name: 8119.2 SSRS map	Job Number: 8119.2	Date: November 27, 2000	

Analytical Results:

Constituent		TPH-g	Benzene	Toluene	Ethylbenzene	Xylene	Oxygenates
	Water Quality Objective	100	1	150	300	1750	5
MW-1D	7/13/2001	700	5	4.3	8.8	43	ND
	10/15/2001	94	0.85	ND	ND	ND	ND
	3/25/2002	ND	ND	ND	ND	ND	ND
	6/25/2002	ND	ND	ND	ND	0.72	ND
	9/23/2002	ND	ND	0.62	ND	ND	ND
	12/24/2002	ND	0.75	1.6	0.81	1.2	ND
MW-2	7/13/2001	ND	ND	ND	ND	ND	ND
	10/15/2001	ND	0.32	0.43	ND	ND	ND
	3/25/2002	ND	ND	ND	ND	ND	ND
	6/25/2002	ND	ND	ND	ND	ND	ND
	9/23/2002	ND	ND	ND	ND	ND	ND
	12/24/2002	ND	ND	ND	ND	ND	ND
MW-3	7/13/2001	ND	ND	ND	ND	ND	ND
	10/15/2001	ND	ND	ND	ND	ND	ND
	3/25/2002	ND	ND	ND	ND	ND	ND
	6/25/2002	ND	ND	ND	ND	ND	ND
	9/23/2002	ND	ND	ND	ND	ND	ND
	12/24/2002	ND	ND	ND	ND	ND	ND
MW-4	7/13/2001	ND	ND	ND	ND	ND	ND
	10/15/2001	ND	ND	ND	ND	ND	ND
	3/25/2002	ND	ND	ND	ND	ND	ND
	6/25/2002	ND	ND	ND	ND	ND	ND
	9/23/2002	ND	ND	ND	ND	ND	ND
	12/24/2002	ND	ND	ND	ND	ND	ND

Results in µg/liter, or parts per billion.
 ND=Non Detect at laboratory analytical detection limit

Consideration of No Further Action

Regional Board Staff will approve no further action related to the release of petroleum hydrocarbon products at 2120 Bluebell Drive in Santa Rosa without further notice unless significant public comment is received prior to 30 days from posting. Please submit your written comments to:

North Coast Regional Water Quality Control Board
 Attention: Stephen Bargsten
 5550 Skylane Blvd., Suite A
 Santa Rosa, CA 95403

Records for the site are contained in a file identified as Wiggins, Floyd and are available for review by calling (707) 576-2220. You may also contact Stephen Bargsten at (707) 576-2653 or sbargsten@waterboards.ca.gov with any questions.